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GRUENBERG
PRELIMINARY AMENDMENT

Please amend claims 36-40 as follows:

36. (Amended) A method of producing virally purged CD4+ cells, comprising:

- A2
- (a) isolating [CD4+] mononuclear cells from a patient infected with HIV [human immunodeficiency virus (HIV)];
 - (b) contacting the cells with one or more protein activating agents to induce cell activation;
 - (c) selecting cells CD4+ that are HIV- after activation; and
 - (d) inducing cell proliferation and [then] expanding the selected cells to clinically relevant numbers.

37. (Amended) The method of claim 36, wherein in the contacting step, the [activating] activation of the cells occurs under conditions that promote Th1 cell differentiation to produce a population of cells that contains predominantly Th1 cells.

38. (Amended) The method of claim 36, further comprising:
after selecting CD4+ that are HIV- and prior to expanding the selected cells, growing a plurality of aliquots in the presence of mitogenic agents;

selecting from the aliquots those that are HIV-; and
then expanding the selected cells to clinically relevant numbers.

39. (Amended) The method of claim 36, wherein the cells are activated with anti-CD3 monoclonal antibodies [and] in the presence of interferon- γ (IFN- γ).

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D3

40. (Amended) The method of claim 38, wherein after activation, the cells are grown in the presence of the protein activating agents are anti-CD28 [mAb and IFN- γ] monoclonal antibodies and interferon- γ .